



Date: 21 September 2023

CEN/TC 250 Structural Eurocodes

Secretariat of CEN/TC 250

Email: tracey.wilkins@bsigroup.com

To whom it may concern

Subject: Timeline for the evolution of the EN Eurocodes

Purpose of this letter

We have received several enquiries about the timeline for the evolution of the EN Eurocodes from CEN Technical Committees and other organisations who need to determine how and when to modify references from the first generation Eurocodes to the second generation. Whilst such a decision is likely to need to be determined on a case by case basis, we felt that it would be helpful to provide the latest background and programme for the publication of the second generation Eurocodes. We hope this information is useful.

Background

The first generation of EN Eurocodes comprised of 10 Standards in 58 parts, EN 1990 – EN 1999, published between 2002 and 2007, enabled the design of building and civil engineering works. In 2014, CEN/TC 250 embarked on a major 6+ year project under Mandate M/515, issued by the European Commission at the end of 2012, which would lead to development of the second generation of the EN Eurocodes. CEN BT decision C36/2014, CEN TCs having in their standards rules relating to structural and geotechnical design or developing rules relating to structural and geotechnical design to liaise closely with CEN/TC 250 and to refer (when possible) to the relevant Eurocodes parts, when reference to structural and geotechnical design rules are needed. To support the BT decision, a letter was sent to 60+ CEN TCs (products, execution) to promote an effective liaison during the development of the second generation of Eurocodes. CEN/TC 250 successfully completed the largest Standardisation Request under M/515 at the end of 2022.

CEN/TC 250 publication planning

CEN/TC 250 has developed a comprehensive publication schedule and planner to track progress at all stages of the Eurocode development, from M/515 Project Teams to finalization of text (see figure 1). A copy of the publication schedule is available upon request from the CEN/TC 250 Secretary.

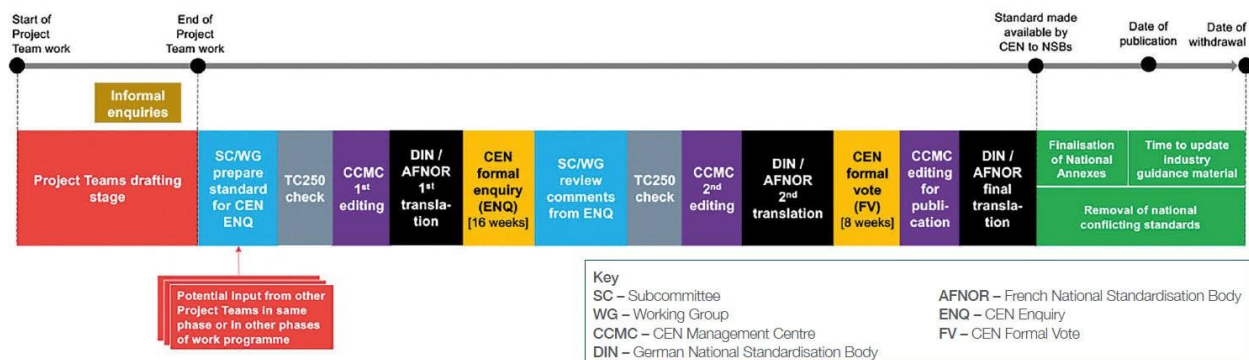


FIGURE 1 — Eurocode development process

CEN BT agreed to the following proposal to support the CEN/TC 250 publication strategy:

1. The definitive text of second generation EN Eurocode parts in the official language versions will be distributed by the Central Secretariat to NSBs as soon possible after FV and no later than 30 March 2026 (Date of availability - DAV).

2. All second generation EN Eurocodes will have a Date of publication (DoP) of 30 September 2027.
3. All second generation EN Eurocodes will have a Date of withdrawal (DoW) of 30 March 2028.

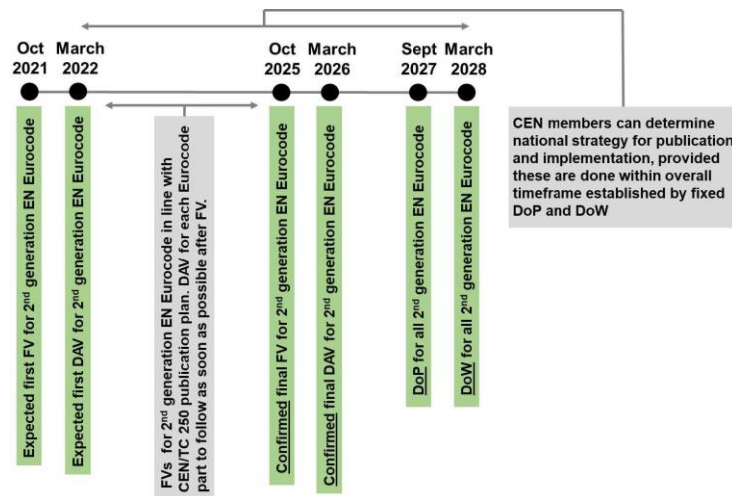


FIGURE 2 — Overview of CEN/TC 250 approach for DoP and DoW

It is important to recognise that the DoP and DoW are the latest dates by which respectively, an EN has to be implemented at national level (by publication of an identical national standard or by endorsement) and by which national standards conflicting with an EN (i.e. in this case first generation Eurocode parts) have to be withdrawn.

Where are we now?

The first Enquiry was launched in 2019 for EN 1996-1-1. In the same year, the first Formal Vote was launched for CEN/TS 17440 on assessment of existing structures. To date, 35 Enquiry and 20 Formal Votes have been launched. The schedule of biannual Enquiry and Formal Vote ballots is given in figure 3.

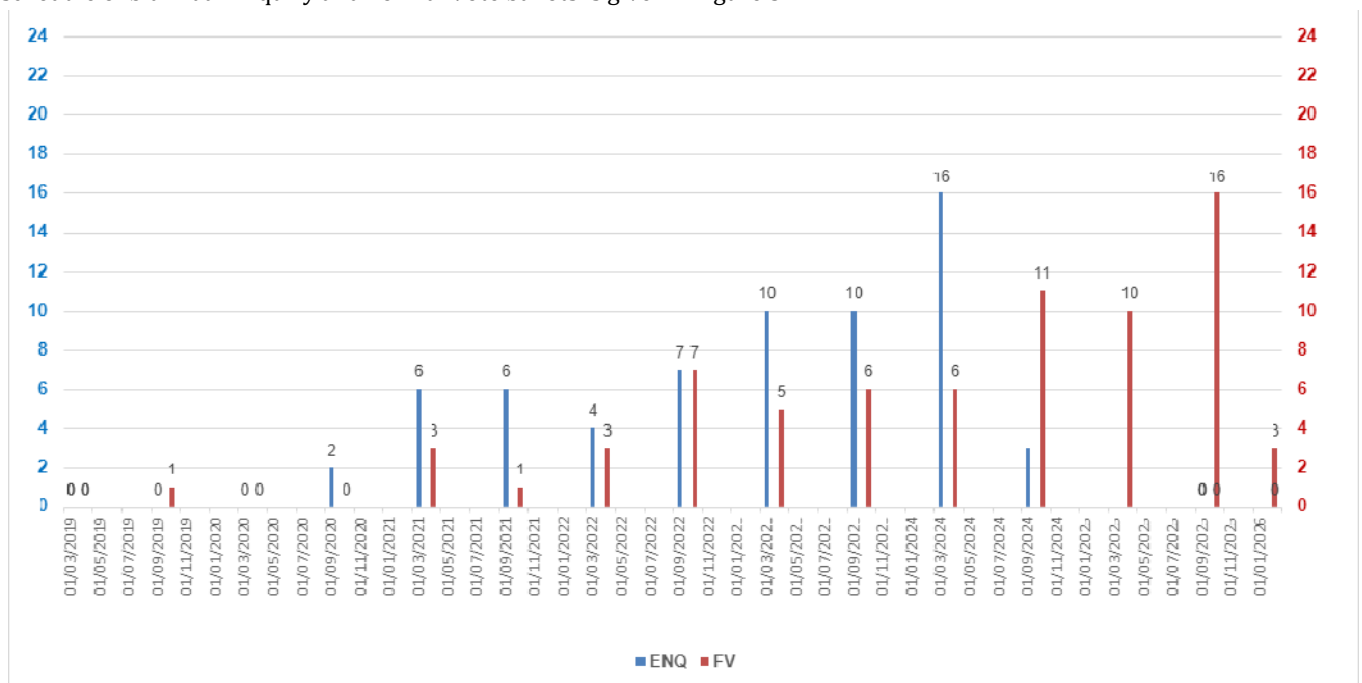


FIGURE 3 — Schedule of biannual Enquiry and Formal Vote ballots

Definitive text is available for the following second generation Eurocodes and accompanying CEN Technical Specifications (TS):

- EN 1990:2023 Eurocode — Basis of structural and geotechnical design
- CEN/TS 17440:2020 Assessment and retrofitting of existing structures

- **EN 1991-2** Eurocode 1 — Actions on structures – Part 2: Traffic loads on bridges and other civil engineering works (definitive text expected October 2023)
- **EN 1992-1-1** Eurocode 2 — Design of concrete structures – Part 1-1: General rules and rules for buildings, bridges and civil engineering structures (definitive text expected October 2023)
- **EN 1992-1-2** Eurocode 2 — Design of concrete structures – Part 1-2: Structural fire design (definitive text expected October 2023)
- **EN 1993-1-1:2022** Eurocode 3 — Design of steel structures - Part 1-1: General rules and rules for buildings
- **CEN/TS 1993-1-101:2022** Eurocode 3 — Design of steel structures - Part 1-101 Alternative method for members in bending and compression
- **EN 1996-1-1:2022** Eurocode 6 — Design of masonry structures - Part 1-1: General rules for reinforced and unreinforced masonry structures
- **EN 1996-3** Eurocode 6 — Design of masonry structures - Part 3: Simplified calculation methods for unreinforced masonry structures (definitive text expected October 2023)
- **EN 1999-1-1:2023** Eurocode 9 — Design of aluminium structures — Part 1-1: General rules
- **EN 1999-1-2:2023** Eurocode 9 — Design of aluminium structures — Part 1-2: Structural fire design
- **EN 1999-1-3:2023** Eurocode 9 — Design of aluminium structures — Part 1-3: Structures susceptible to fatigue
- **EN 1999-1-4:2023** Eurocode 9 — Design of aluminium structures — Part 1-4: Cold-formed structural sheeting
- **EN 1999-1-5:2023** Eurocode 9 — Design of aluminium structures — Part 1-5: Shell structures
- **CEN/TS 19100-1:2021** Design of glass structures — Part 1: Basis of design and materials
- **CEN/TS 19100-2:2021** Design of glass structures — Part 2: Design of out-of-plane loaded glass components
- **CEN/TS 19100-3:2021** Design of glass structures — Part 3: Design of in-plane loaded glass components and their mechanical joints
- **CEN/TS 19103:2021** Eurocode 5 — Design of Timber Structures - Structural design of timber-concrete composite structures - Common rules and rules for buildings
- **CEN/TS 19102:2023** Design of tensioned membrane structures (definitive text expected October 2023)

All Formal Vote will be concluded, and the new standards made available to NSBs, by early 2026. At a national level, new national annexes will need to be developed and transition plans enacted by relevant authorities.

Yours sincerely

Tracey Wilkins

Tracey Wilkins
Secretary, CEN/TC 250



Steve Denton
Chairman, CEN/TC 250